

L16 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1999:810714 CAPLUS  
DN 132:70828  
TI A new surface-enhanced Raman scattering substrate based on silver nanoparticles in sol-gel  
AU Volkan, M.; Stokes, D. L.; Vo-Dinh, T.  
CS Advanced Monitoring Development Group, Oak Ridge National Laboratory, Oak Ridge, TN, 37831-6101, USA  
SO Journal of Raman Spectroscopy (1999), 30(12), 1057-1065  
CODEN: JRSPAF; ISSN: 0377-0486  
PB John Wiley & Sons Ltd.  
DT Journal  
LA English  
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1998:668464 CAPLUS  
DN 129:292735  
TI On the use of SNMS for the manufacture control of Ag colloid containing sol-gel films on glass  
AU Bock, W.; Kutsch, B.; Kopnarski, M.; Oechsner, H.  
CS Institute Surface Thin Film Analysis IFOS, University Kaiserslautern, Kaiserslautern, D-67663, Germany  
SO Materials Science Forum (1998), 287-288 (Trends and New Applications of Thin Films), 407-410  
CODEN: MSFOEP; ISSN: 0255-5476  
PB Trans Tech Publications Ltd.  
DT Journal  
LA English

L16 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:754991 CAPLUS  
DN 128:29248  
TI Electric properties of Pb(Zr0.52Ti0.48)O3 thin films prepared by sol-gel processing  
AU Paik, Dong Soo; Shin, Hyun Yong; Choi, Hyung Wook; Park, Yong Wook; Yoon, Seok Jin; Park, Chang Yub  
CS Department Electrical Engineering, Yonsei University, Seoul, 120, S. Korea  
SO Ferroelectrics (1997), 200(1-4), 185-195  
CODEN: FEROA8; ISSN: 0015-0193  
PB Gordon & Breach Science Publishers  
DT Journal  
LA English

L16 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:654266 CAPLUS  
DN 127:338673  
TI Silver-doped sol-gel films as the substrate for surface-enhanced Raman scattering  
AU Lee, Yuan-Hsiang; Dai, Sheng; Young, Jack P.  
CS Chemical and Analytical Sciences Division, Oak Ridge National Laboratory, Oak Ridge, TN, 37831-6142, USA  
SO Journal of Raman Spectroscopy (1997), 28(8), 635-639  
CODEN: JRSPAF; ISSN: 0377-0486  
PB Wiley  
DT Journal  
LA English

L16 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:611922 CAPLUS

DN 127:300888  
TI Enhancement of second-order harmonic generation in polarized BaTiO<sub>3</sub> thin films embedded with Ag nanoparticles  
AU Zhou, Ji; Li, Longtu; Gui, Zhilun; Zhang, Xiaowen; Moulding, K. M.; Barber, D. J.  
CS Department Materials Science Engineering, Tsinghua University, Beijing, 100084, Peop. Rep. China  
SO Chinese Science Bulletin (1997), 42(15), 1319-1320  
CODEN: CSBUEF; ISSN: 1001-6538  
PB Science Press  
DT Journal  
LA English

L16 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1996:184544 CAPLUS  
DN 124:203648  
TI Electrochemical Growth of Polyaniline in Porous Sol-Gel Films  
AU Verghese, M. M.; Ramanathan, Kumaran; Ashraf, S. M.; Kamalasanan, M. N.; Malhotra, B. D.  
CS Biomolecular Electronics and Conducting Polymer Research Group, National Physical Laboratory, New Delhi, 110 012, India  
SO Chemistry of Materials (1996), 8(4), 822-4  
CODEN: CMATEX; ISSN: 0897-4756  
PB American Chemical Society  
DT Journal  
LA English

L16 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:624900 CAPLUS  
DN 123:243827  
TI Effect of top metalization on the fatigue and retention properties of sol-gel PZT thin films  
AU Teowee, G.; Baertlein, C. D.; Kneer, E. A.; Boulton, J. M.; Uhlmann, D. R.  
CS Donnelly Corp., Tucson, AZ, 85712, USA  
SO Integrated Ferroelectrics (1995), 7(1-4), 149-60  
CODEN: IFEREU; ISSN: 1058-4587  
DT Journal  
LA English

L16 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:423883 CAPLUS  
DN 122:271838  
TI Methyltriethoxysilane-derived sol-gel coatings doped with silver metal particles

L16 ANSWER 20 OF 20 NTIS COPYRIGHT 2003 NTIS  
AN 1988(19):01873 NTIS Order Number: DE88011492/XAB  
TI Planarization of Metal Substrates for Solar Mirrors.  
AU Ashley, C. S.; Reed, S. T.; Mahoney, A. R.  
CS Sandia National Labs., Albuquerque, NM.  
NR Sponsor: Department of Energy, Washington, DC. (068123000 9511100)  
DE88011492/XAB; SAND-88-0234C, CONF-8804114-4  
4p; 1988  
NC Contract(s): AC04-76DP00789  
DT Report  
CY United States  
LA English  
NTE Better ceramics through chemistry III, Reno, NV, USA, 5 Apr 1988.  
AV Portions of this document are illegible in microfiche products. Order  
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L17 0 L12 AND (DELWIN JACKSON OR LELAND CLOSE)

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> s 11

L12 906 L1

=> s 12

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L13 471 L2

=> s 13

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7 FILES SEARCHED...

L14 0 L3

=> s 113 and 14

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FIELD CODE - 'AND' OPERATOR ASSUMED 'HEAT' (P) DISTORTIO'  
7 FILES SEARCHED...

L15 14 L13 AND L4

=> d 1-14

L15 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:786341 CAPLUS

DN 137:375727

TI Respective efficiencies of nuclear collisions and electronic excitations  
for precipitating Ag clusters in sol-gel films

AU Pivin, J. C.

CS IN2P3-CNRS, CSNSM, Orsay Campus, F-91405, Fr.

SO Nuclear Instruments & Methods in Physics Research, Section B: Beam  
Interactions with Materials and Atoms (2002), 195(3-4), 302-308

CODEN: NIMBEU; ISSN: 0168-583X

PB Elsevier Science B.V.

DT Journal

LA English

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:613678 CAPLUS

TI Silver-doped sol-gel film  
developed by molecular recognition for detection of radionuclides by  
surface enhanced raman spectroscopy

AU Bao, Lili; Mahurin, Shannon; Dai, Sheng

CS Chemical Science Division, Oak Ridge National Laboratory, Oak Ridge, TN,  
37831-2008, USA

SO Abstracts of Papers, 224th ACS National Meeting, Boston, MA, United  
States, August 18-22, 2002 (2002), ANYL-163 Publisher: American Chemical  
Society, Washington, D. C.

CODEN: 69CZPZ

DT Conference; Meeting Abstract

LA English

L15 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2003 ACS

AN 2002:254604 CAPLUS

DN 136:393983

TI Synthesis and interface structure of sol gel YBa2Cu3Ox thin films for  
conductor development

AU Shi, Donglu; Xu, Yongli; Wang, S. X.; Wang, L. M.; McClellan, Shaun M.

CS Department of Materials Science and Engineering, University of Cincinnati,  
Cincinnati, OH, 45221-0012, USA

SO Materials Research Society Symposium Proceedings (2001),  
659 (High-Temperature Superconductors--Crystal Chemistry, Processing and

Properties), II6.4/1-II6.4/6

CODEN: MRSPDH; ISSN: 0272-9172

PB Materials Research Society

DT Journal

LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD